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FILE 'USPAT' ENTERED AT 12:58:40 ON 17 MAY 1998

 * WELCOME TO THE *
 * U. S. PATENT TEXT FILE *

=> s leptin

L1 9 LEPTIN

=> s ob or obesity

3957 OB

2169 OBESITY

L2 6035 OB OR OBESITY

=> d l1 1-7

1. 5,750,353, May 12, 1998, Assay for non-peptide agonists to peptide hormone receptors; Alan S. Kopin, et al., 435/7.21, 29; 436/501 [IMAGE AVAILABLE]
2. 5,747,338, May 5, 1998, Method and construct for screening for inhibitors of transcriptional activation; Klaus Giese, et al., 435/348, 252.3, 254.21, 320.1, 367; 536/24.5 [IMAGE AVAILABLE]
3. 5,736,383, Apr. 7, 1998, Preparation of Pichia methanolica auxotrophic mutants; Christopher K. Raymond, 435/255.7, 34, 172.1, 255.5; 935/37 [IMAGE AVAILABLE]
4. 5,716,808, Feb. 10, 1998, Genetic engineering of pichia methanolica; Christopher K. Raymond, 435/69.1, 254.23 [IMAGE AVAILABLE]
5. 5,698,389, Dec. 16, 1997, Transcriptional promoter of the murine obesity gene; Fabienne Charles de la Brousse, et al., 435/4, 325; 536/23.1, 24.1 [IMAGE AVAILABLE]
6. 5,686,265, Nov. 11, 1997, Leukocyte adhesion receptors; Angel A. Corbi, et al., 435/69.1, 69.5; 514/2; 530/350 [IMAGE AVAILABLE]
7. 5,395,929, Mar. 7, 1995, Isolated nucleic acid encoding the alpha subunit of the human leukocyte adhesion receptor; Angel A. Corbi, et al., 536/23.5; 435/320.1; 530/399; 536/23.51 [IMAGE AVAILABLE]

=> d l1 2 ab xa xp

US PAT NO: 5,747,338 [IMAGE AVAILABLE] L1: 2 of 9

ABSTRACT:

A collision construct is provided that contains a first regulatory sequence containing a first promoter linked to a reporter gene which is also linked to a second regulatory sequence containing a second promoter such that the reporter gene is under regulatory control of the first promoter. The direction of transcription under the first promoter is opposite the direction of transcription under the second promoter and activation of the second promoter interferes with reporter gene activity. The collision construct is used to screen inhibitors of the second regulatory sequence and the second promoter whereby a functional inhibitor causes an enhanced signal of the reporter gene. Vectors, host

cells and kits containing the collision construct are provided, as well as methods for producing the collision construct, the vectors and host cells, and methods for screening candidate inhibitors for their ability to inhibit target promoter activities.

PRIM-EXMR: James Ketter

=> d his

(FILE 'USPAT' ENTERED AT 12:58:40 ON 17 MAY 1998)

L1 9 S LEPTIN

L2 6035 S OB OR OBESITY

=> s gene(3a)therap?

16948 GENE

78449 THERAP?

L3 1188 GENE(3A)THERAP?

=> s l2 and l3

L4 25 L2 AND L3

=> d 1-11

1. 5,750,367, May 12, 1998, Human and mouse very low density lipoprotein receptors and methods for use of such receptors; Lawrence C. B. Chan, 435/69.1, 69.6, 70.1, 70.3, 71.1, 243, 320.1, 325, 410; 536/23.1, 23.5, 24.1; 935/22, 33 [IMAGE AVAILABLE]

2. 5,741,666, Apr. 21, 1998, Compositions and methods, for the treatment of body weight disorders, including **obesity**; Louis Anthony Tartaglia, 435/69.1, 172.3, 252.3, 320.1, 325; 536/23.5, 24.31 [IMAGE AVAILABLE]

3. 5,723,115, Mar. 3, 1998, Inhibition of adipose tissue development and **obesity**; Ginette Serrero, 424/85.1, 158.1; 530/399 [IMAGE AVAILABLE]

4. 5,710,024, Jan. 20, 1998, Polynucleotides that encode the calcitonin gene-related peptide receptor component factor (HOUNDC44); John E. Adamou, et al., 435/69.1, 252.3, 320.1, 325; 536/23.1, 23.5 [IMAGE AVAILABLE]

5. 5,705,380, Jan. 6, 1998, Identification of a gene encoding TULP2, a retina specific protein; Michael North, et al., 435/6, 91.2, 320.1; 536/23.1, 23.5, 24.3, 24.31, 24.33; 935/6, 8, 77, 78 [IMAGE AVAILABLE]

6. 5,702,902, Dec. 30, 1997, Methods for the diagnosis of body weight disorders including **obesity**; Louis Anthony Tartaglia, 435/6, 4, 7.4; 536/23.1, 23.5 [IMAGE AVAILABLE]

7. 5,698,389, Dec. 16, 1997, Transcriptional promoter of the murine **obesity** gene; Fabienne Charles de la Brousse, et al., 435/4, 325; 536/23.1, 24.1 [IMAGE AVAILABLE]

8. 5,690,932, Nov. 25, 1997, Clinical disorders associated with carboxypeptidase E mutation; Jurgen K. Naggert, et al., 424/94.67; 435/6, 212, 219, 226; 436/63 [IMAGE AVAILABLE]

9. 5,686,598, Nov. 11, 1997, Genes associated with retinal dystrophies; Michael North, et al., 536/23.5 [IMAGE AVAILABLE]

10. 5,681,744, Oct. 28, 1997, Delivery and expression of heterologous genes using upstream enhancer regions of mammalian gene promoters; Robert J. Greenstein, 435/320.1, 69.1; 536/24.1 [IMAGE AVAILABLE]

11. 5,661,126, Aug. 26, 1997, Use of mullerian inhibiting substance for treating certain tumors and for modulating class I major histocompatibility antigen expression; Patricia K. Donahoe, et al., 514/12; 435/68.1, 69.1; 530/413 [IMAGE AVAILABLE]

=> d his

(FILE 'USPAT' ENTERED AT 12:58:40 ON 17 MAY 1998)

L1 9 S LEPTIN
L2 6035 S OB OR OBESITY
L3 1188 S GENE(3A)THERAP?
L4 25 S L2 AND L3

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